

What is claimed is:

- 1 1. An apparatus, comprising:
2 an interface to transmit data to a receiving
3 device; and
4 a controller communicatively coupled to the
5 interface, the controller to detect a bit rate change event
6 and transmit a first portion of the data using reserved
7 bandwidth and a second portion of the data using unreserved
8 bandwidth in response to detecting the bit rate change
9 event.
- 1 2. The apparatus of claim 1, wherein the interface
2 comprises an interface to transmit over a wireless medium.
- 1 3. The apparatus of claim 1, wherein the interface
2 comprises a wireless network card.
- 1 4. The apparatus of claim 1, wherein the controller
2 further requests a reservation for additional bandwidth in
3 response to detecting the bit rate change.
- 1 5. The apparatus of claim 4, wherein the controller
2 transmits the second portion of the data using the
3 reservation for the additional bandwidth.

1 6. The apparatus of claim 1, wherein the bit rate
2 change event causes a reduction in transfer rate, wherein
3 the controller further requests a new bandwidth reservation
4 to compensate for the reduced transfer rate.

1 7. The apparatus of claim 6, wherein the controller
2 transmits the first and second portions of data using the
3 new bandwidth reservation.

1 8. The apparatus of claim 1, wherein the controller
2 further designates the first portion of the data as high
3 priority and the second portion of the data as low
4 priority.

1 9. The apparatus of claim 1, wherein the controller
2 to determine the bit rate change event comprises the
3 controller to determine a drop in quality of service during
4 communications with the receiving device.

1 10. An article comprising one or more machine-
2 readable storage media containing instructions that when
3 executed enable a processor to:

4 detect a reduced transfer rate; and
5 transmit a first portion of the data using
6 reserved bandwidth and a second portion of the data using

7 unreserved bandwidth in response to detecting the reduced
8 transfer rate.

1 11. The article of claim 10, wherein the instructions
2 when executed enable the processor to request additional
3 bandwidth reservation in response to detecting the reduced
4 transfer rate.

1 12. The article of claim 11, wherein the instructions
2 when executed enable the processor to transmit the first
3 and second portion of the data using the reserved portion
4 and the additional bandwidth reservation.

1 13. The article of claim 12, wherein the instructions
2 when executed enable the processor to request a new
3 bandwidth reservation in response to detecting the reduced
4 transfer rate.

1 14. The article of claim 13, wherein the instructions
2 when executed enable the processor to transmit the first
3 portion and the second portion of the data using the new
4 bandwidth reservation in response to receiving the new
5 bandwidth reservation.

1 15. The article of claim 10, wherein the instructions
2 when executed enable the processor to transmit a first

3 portion of the data using the reserved bandwidth on a
4 wireless communications link.

1 16. The article of claim 10, wherein the instructions
2 when executed enable the processor to detect the reduced
3 rate based on a change in a transmission channel condition.

1 17. The article of claim 10, wherein the instructions
2 when executed enable the processor to transmit a high
3 priority data using the reserved bandwidth and a low
4 priority data using the unreserved bandwidth in response to
5 detecting the reduced transfer rate.

1 18. A method, comprising:
2 receiving a first bandwidth reservation for
3 transferring data at a pre-selected bit rate; and
4 transmitting a first portion of the data over the
5 first bandwidth reservation and a second portion of the
6 data over unreserved bandwidth in response to determining
7 that a current data transfer rate is less than the
8 pre-selected bit rate.

1 19. The method of claim 18, further comprising
2 requesting additional bandwidth reservation in response to
3 determining whether the current data transfer rate is less
4 than the pre-selected bit rate.

1 25. The system of claim 24, wherein the client is a
2 wireless client.

1 26. The system of claim 25, wherein the wireless
2 client comprises a wireless network interface.

1 27. The system of claim 24, wherein the wireless
2 network hub is an access point.

1 28. The system of claim 27, wherein the wireless
2 network hub serves as an interface between a wireless
3 network and a wired network.

1 29. The system of claim 24, wherein the client
2 further requests another agreement for additional bandwidth
3 from the wireless network hub in response to detecting the
4 bit rate change event.

1 30. The system of claim 24, wherein the client
2 further requests a new bandwidth agreement from the
3 wireless network hub in response to detecting the bit rate
4 change event.